

Specification Sheet

SHUTE 1550nm POF Humidity Sensor

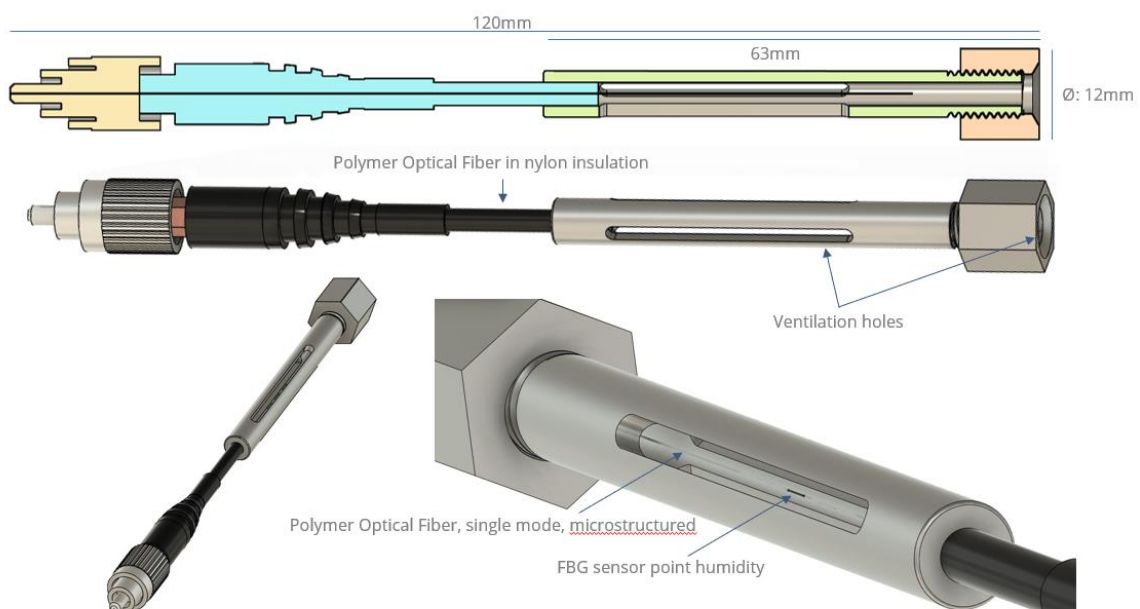
SPECIFICATIONS

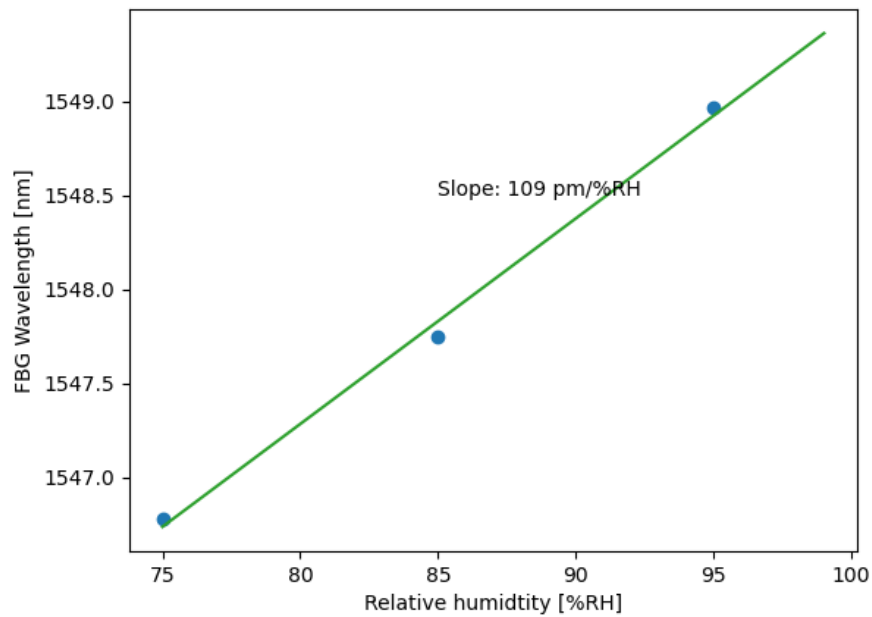
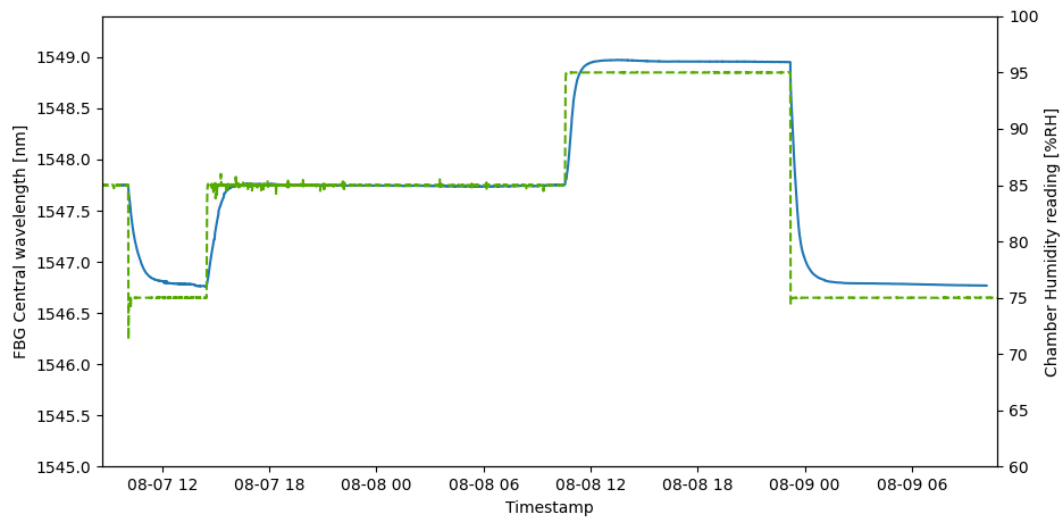
1550nm Polymer Optical Fiber (POF) Humidity Sensor, for usage together with a C-band interrogator.

For added operating length a silica optical fiber extension can be used.

- PMMA polymer optical fiber, single mode, microstructured
- FC/APC optical fiber connector (connector can be customized)
- Stainless steel housing
- Nylon fiber insulation

Center wavelength:	Ca. 1547 nm
Operating Range:	0.2 to 100%RH -40 to 50+°C
Number of FBG sensing points:	1
Physical dimensions Sensor (L & Ø)	L: Ca. 120 mm, Ø: 12 mm
Physical dimensions Sensor House (L & Ø)	L: 63 mm, Ø: 12 mm





Optional, faster response sensor

